

CLAIMS

What is claimed is:

1. A computer system adapted to transcribe spoken human words of a user into corresponding textual words or computer commands, comprising;

- a) a first computer,
- b) a second computer,
- c) transcription software in the first computer that adapts to the voice of a user by producing and using a voice model, and
- d) transferring means for transferring the voice model to the second computer to adapt the second computer to the voice of the user.

2. A computer system as recited in claim 1, wherein the voice model includes certain files, and modification of certain files.

3. A computer system as recited in claim 1, wherein transferring means includes the copying of certain files, and modification of certain files.

4. A computer system as recited in claim 1, wherein transferring means includes copying the voice model to removable media.

5. A computer system as recited in claim 1, wherein transferring means includes copying the voice model over an electronic link.

6. A computer system as recited in claim 1, wherein transferring means includes copying the voice model over an electronic network.

7. A computer system as recited in claim 1, wherein at least one of the computers includes a recognition means which recognizes the user's identity and selects and uses the correct voice model.

8. A computer system adapted to transcribe spoken human words of a user into corresponding textual words or computer commands, comprising;

- a) a computer,
- b) a plurality of voice models each of which corresponds to the voice of one of several users,
- c) transcription software in the computer that adapts to the voice of a user by employing one of the voice models,

- d) recognition means for recognizing the voice of the user, and causes the corresponding voice model to be used by the transcription software to transcribe user's words.

9. A computer system adapted to transcribe spoken human words of a user into corresponding textual words or computer commands, comprising;

- e) a computer,
- f) a plurality of voice models each of which corresponds to one of several classes of human voices,
- g) transcription software in the computer that adapts to the voice of a user by employing one of the voice models,
- h) classification means for recognizing the class to which the user belongs, and causing the corresponding voice model to be used by the transcription software to transcribe user's words.

10. A computer system as recited in Claim 9, wherein a voice model is synthesized using known parameters to statistically create the unknown parameters of a user.

11. A computer system adapted to transcribe spoken human words of a user into corresponding textual words or computer commands, comprising;

- a) a computer,
- b) transcription software in the computer,
- c) an accuracy object that monitors and produces an accuracy output corresponding to the accuracy of the transcription,
- d) a speed object that monitors and produces a speed output corresponding to the speed of the transcription,
- e) a combining object that combines the accuracy output and the speed output to produce an effectiveness output that corresponds to the transcription effectiveness of the computer, and
- f) a display object that displays the effectiveness output of the transcription.

12. A system for rating and comparing the effectiveness of a computer system in transcription of the spoken human words of a user into corresponding textual words or computer commands, comprising;

- a) a plurality of computer systems, each having a different hardware and software configuration,
- b) transcription software in each computer,

- c) an accuracy object in each computer that monitors and produces an accuracy output corresponding to the accuracy of the transcription,
- d) a speed object in each computer that monitors and produces a speed output corresponding to the speed of the transcription,
- e) a combining object in each computer that combines the accuracy output and the speed output to produce an effectiveness output that corresponds to the transcription effectiveness of that computer, and
- f) a database that stores and makes available configuration and the effectiveness output of the transcription of each computer.

13. A compact computer system adapted to transcribe spoken human words of a user into corresponding textual words or computer commands, comprising;

- a) a powerful, compact computer, and
- b) transcription software in the computer that causes the transcription.

14. A computer system adapted to transcribe spoken human words of a user into corresponding textual words or computer commands, comprising;

- a) a first computer,
- b) a second computer,
- c) a storage device adapted to store a plurality of adaption objects and which is remote from the second computer,
- d) a first communication link which communicatively connects the first computer to the storage device,
- e) a second communication link which communicatively connects the second computer to the storage device,
- f) transcription software in the first computer that adapts to the voice of a user by producing an adaption object, and
- g) first transfer means for transferring the adaption object to the storage device,
- h) transcription software in the second computer that adapts to the voice of a user by using the adaption object, and
- i) second transfer means for transferring the adaption object from the storage device to the second computer to adapt the second computer to the voice of the user.

15. A computer system as recited in Claim 14, wherein the storage device is a server on a global computer network and the transfers take place over the global computer network.

16. A voice mail system adapted to transcribe spoken human words of a user into corresponding textual words and store them in that form, comprising;

- a) A voice input device that converts spoken human words into an electrical signal,

- b) a computer,
- c) transcription software in the computer that employs a voice model to transcribe the signal into corresponding textual words,
- d) a text storage device,
- e) transferring means for transferring the textual words from the computer to the storage device.

17. A voice mail system, as recited in Claim 16, that includes a plurality of voice models including one which corresponds to the user, and a matching means which identifies the user and causes use of the voice model of the user.

18. A voice mail system, as recited in Claim 16, that includes a plurality of voice models including one which corresponds to the voice class to which the user belongs, and a matching means which identifies the class of the user and causes use of the voice model of the class of the user.

19. A voice mail system, as recited in Claim 16, that includes accessing means for accessing the textual words in the storage device.

20. A voice mail system, as recited in Claim 16, that includes transmitting means for transmitting the textual words in the storage device to a destination by means of e-mail.

21. A voice mail system, as recited in Claim 16, that includes transmitting means for transmitting the textual words in the storage device to a destination by means of facsimile.